# This Page Is Inserted by IFW Operations and is not a part of the Official Record

## BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

## IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

09755037 Michael J. Simitoski Michael.Simitoski@uspto.gov (703) 305-8191

#### Google

radius authentication aaa verification prior entry of packet into access network

#### **ACM**

+radius +authentication

#### <u>IEEE</u>

#### **Other**

Search tool

Search Terms

### **Applications/Patents from Inventor Search**

6,570,849 6,567,406

L Number	Hits	Search Text	DB	Time stamp
1	59	ascend.as.	USPAT;	2004/07/22
1	1	ascena.as.	US-PGPUB;	08:09
			EPO; JPO;	
	/	$\bigcap$	IBM TDB	
3	ABS (1)	ascend.as. and @ad<20000107) and	USPAT;	2004/07/22
	/ / /	authentication	US-PGPUB;	08:10
			EPO; JPO;	
_	1	)	IBM_TDB	0004/07/00
2	48	ascend.as. and @ad<20000107	USPAT;	2004/07/22   08:16
	ACK (		US-PGPUB; EPO; JPO;	08:16
	1		IBM TDB	
4	1	("6212561").PN.	USPAT;	2004/07/22
-		( ,	US-PGPUB;	10:01
			EPO; JPO;	
		D	IBM_TDB	,
5	185 /3	"local authorization table"	USPAT;	2004/07/22
			US-PGPUB;	08:45
	KISIL		EPO; JPO;	
	Km,	"authorization table" same aaa	IBM_TDB USPAT;	2004/07/22
6	0	authorization table same dad	US-PGPUB;	08:45
,		'	EPO; JPO;	*** 13
			IBM TDB	
7	278	(aaa "authentication server" radius) same	USPAT;	2004/07/22
		(assign\$5 with address)	US-PGPUB;	08:46
			EPO; JPO;	
			IBM_TDB	
8	75	(aaa) same (assign\$5 with address)	USPAT;	2004/07/22
			US-PGPUB;	08:46
			EPO; JPO;	
9	110	@ad<20000107 and (aaa "authentication	IBM_TDB USPAT;	2004/07/22
=	110	server" radius) same (assign\$5 with	US-PGPUB;	08:46
		address)	EPO; JPO;	
			IBM_TDB	
11	65		USPAT;	2004/07/22
		with address)	US-PGPUB;	08:46
		L	EPO; JPO;	
1.0	1 , / 12	0-1/20000107 / /	IBM_TDB	2004/07/22
10	65 / 19	€ad<20000107 and (aaa ) same (assign\$5 with address)	USPAT; US-PGPUB;	08:46
"	4	with address;	EPO; JPO;	00.30
	LINIL /	$\uparrow$	IBM TDB	
14	8	("6311275") or ("6212561") or	USPAT;	2004/07/22
	1 1/ /	("6298383") or ("6377955") or ("6584505")	US-PGPUB;	09:32
	ABS -	or ("6070192") or ("5491752") or	EPO; JPO;	
		("5546387")).PN.	IBM_TDB	0004/07/00
17	0	((("6311275") or ("6212561") or	USPAT;	2004/07/22
		("6298383") or ("6377955") or ("6584505")	US-PGPUB;	09:08
		or ("6070192") or ("5491752") or	EPO; JPO; IBM TDB	
18	2	("5546387")).PN.) and (service adj level) @ad<20000107 and (aaa same (service adj	USPAT;	2004/07/22
10	"	level))	US-PGPUB;	09:08
			EPO; JPO;	
			IBM_TDB	
19	195	"network resource management "	USPAT;	2004/07/22
			US-PGPUB;	09:20
			EPO; JPO;	
		///!/6211275!!) 67 /!!6212561!!)	IBM_TDB	2004/07/22
20	0	((("6311275") or ("6212561") or ("6298383") or ("6377955") or ("6584505")	USPAT; US-PGPUB;	09:31
		or ("6070192") or ("5491752") or	EPO; JPO;	07.31
	1	("5546387")).PN.) and alarm	IBM TDB	
22	1		USPAT;	2004/07/22
] = -	_		US-PGPUB;	09:52
			EPO; JPO;	
			IBM TDB	

23	1	(("20010044893").PN.) and alarm	USPAT;	2004/07/22
23	1	( 20010044093 ).IN.) and alaim	US-PGPUB;	09:31
1			EPO; JPO;	
			IBM TDB	
25	1	6466977.pn.	USPAT;	2004/07/22
			US-PGPUB;	09:33
			EPO; JPO;	
26		(466077 mm and /alasm alast mate 500)	IBM_TDB	2004/07/22
26	1	6466977.pn. and (alarm alert notif\$9)	USPAT; US-PGPUB;	2004/07/22 09:34
ĺ			EPO; JPO;	05.54
			IBM TDB	
28	18 18	@ad<20000107 and (aaa same alarm)	USPAT;	2004/07/22
	1+ ( /		US-PGPUB;	09:35
	ruic_		EPO; JPO;	
1			IBM_TDB	0004/07/00
29	1365	@ad<20000107 and (network same (notif\$9	USPAT;	2004/07/22
1		alarm\$3 alert\$3) same problem)	US-PGPUB; EPO; JPO;	09:35
			IBM TDB	
30	486	@ad<20000107 and (network with (notif\$9	USPAT;	2004/07/22
		alarm\$3 alert\$3) with problem)	US-PGPUB;	09:35
			EPO; JPO;	
		D	IBM_TDB	
32	DBS / 3	@ad<20000107 and (network with (alarm\$3)	USPAT;	2004/07/22
	1+ (	with problem)) and cisco.as.	US-PGPUB;	09:36
	Kinc	<b>-</b>	EPO; JPO; IBM TDB	
31		@ad<20000107 and (network with (alarm\$3)	USPAT;	2004/07/22
31	Sanky /	with problem)	US-PGPUB;	09:36
	Abstracts	With problem,	EPO; JPO;	
			IBM TDB	
33	1	(("20010044893").PN.) and "authorization	USPĀT;	2004/07/22
1		client"	US-PGPUB;	09:52
			EPO; JPO;	
34	ABST 35	(ingress adj card) same (egress adj card)	IBM_TDB USPAT;	2004/07/22
34	1 35/35/	y (Ingress adj card) same (egress adj card)	US-PGPUB;	10:01
	we C		EPO; JPO;	
	1 1		IBM TDB	
-	21		USPAT;	2004/07/21
	ر کھی	authenticat\$3))	US-PGPUB;	08:08
	1 J		EPO; JPO;	
	Wall 15	Dakaman in (thonis and maturally as	IBM_TDB USPAT;	2004/07/20
-		skemer.in. (tropic and network).as.	USPAT; US-PGPUB;	12:37
	DES (		EPO; JPO;	
			IBM TDB	
-	0	(sedona and network).as.	USPĀT;	2004/07/20
			US-PGPUB;	12:44
			EPO; JPO;	
	1.0	11220208011	IBM_TDB	2004/07/20
-	10	"2293989"	USPAT; US-PGPUB;	12:54
			EPO; JPO;	22.73
			DERWENT;	
			IBM_TDB	
-	1328	((stream packet data) near2	USPAT;	2004/07/21
		(authenticated))	US-PGPUB;	08:04
		$\cap$	EPO; JPO;	
	10/2	02d<20000107 and (/atroom market data)	IBM_TDB USPAT;	2004/07/21
-	ABS (7	&ad<20000107 and ((stream packet data)   with ((require\$4 need\$3) adj	US-PGPUB;	08:05
	1 7,1	authenticated))	EPO; JPO;	
	war	,	IBM_TDB	
-	263	"integrated access device"	USPAT;	2004/07/21
			US-PGPUB;	08:09
			EPO; JPO;	
			IBM_TDB	

	$\mathcal{N}$	$\supset$		
-	37,	"integrated access device" and	USPAT;	2004/07/21
	3/	(authenticat\$3)	US-PGPUB;	08:09
			EPO; JPO;	
ĺ	w'c	_	IBM_TDB	
-		("integrated access device" and	USPAT;	2004/07/21
	ا کھم	(authenticat\$3)) and @ad<20000107	US-PGPUB;	08:10
			EPO; JPO;	
		<u> </u>	IBM_TDB	0004/07/01
-	285 ( <sup>14</sup>	Cad<20000107 and determin\$3 adj3	USPAT;	2004/07/21
		((requir\$5 need\$3) adj2 authentication)	US-PGPUB;	08:11
	Will		EPO; JPO;	
	51		IBM_TDB USPAT;	2004/07/21
1	31	cisco.as. and aaa	US-PGPUB;	08:20
			EPO; JPO;	00.20
			IBM TDB	
l _	36	(cisco.as. and aaa) and @ad<20000107	USPĀT;	2004/07/21
		(orbootable und dady und cad (robotable)	US-PGPUB;	08:20
			EPO; JPO;	
1			IBM TDB	1
1 –	27	((cisco.as. and aaa) and @ad<20000107)	USPAT;	2004/07/21
		and radius	US-PGPUB;	08:21
			EPO; JPO;	
	/	·	IBM_TDB	
-	ABS 18	(((cisco.as. and aaa) and @ad<20000107)	USPAT;	2004/07/21
	N+ ()	and radius) and ("access network")	US-PGPUB;	08:21
	Risic		EPO; JPO;	
	1,		IBM_TDB	0004/07/01
-	10		USPAT;	2004/07/21
1		and radius) and ("access network")) and "user network"	US-PGPUB; EPO; JPO;	08:21
1		user network	IBM TDB	
1_	10	(((((cisco.as. and aaa) and @ad<20000107)	USPAT;	2004/07/21
		and radius) and ("access network")) and	US-PGPUB;	08:21
		"user network") and authenticat\$3	EPO; JPO;	
-			IBM TDB	
-	10	(((((cisco.as. and aaa) and	USPAT;	2004/07/21
	KW.C	@ad<20000107) and radius) and ("access	US-PGPUB;	08:22
		network")) and "user network") and	EPO; JPO;	
		authenticat\$3) and authoriz\$8	IBM_TDB	2004/07/01
-	0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	USPAT;	2004/07/21
		@ad<20000107) and radius) and ("access	US-PGPUB;	09:52
		network")) and "user network") and	EPO; JPO; IBM TDB	]
		authenticat\$3) and authoriz\$8) and (determin\$5 with ((requir\$3 need\$3) adj	1011-105	
		(authenticat\$3 authoriz\$8 verif\$9)))		
_	// 35	(determin\$3) with (already near	USPAT;	2004/07/21
	/ 1 " /	authenticated)	US-PGPUB;	09:56
		·	EPO; JPO;	
		$\cap$	IBM_TDB	
-	a < 1/3	(determin\$3) with (already near	USPAT;	2004/07/21
	AB\$ (3	authenticated)) and @ad<20000107 and	US-PGPUB;	09:56
	111	radius	EPO; JPO;	]
	he/	) (1-1	IBM_TDB	2004/07/21
-	12	170 1 == = = = = = = = = = = = = = = = = =	USPAT; US-PGPUB;	2004/07/21
		authenticated)) and @ad<20000107	EPO; JPO;	09.50
	` /	1	IBM TDB	
l _	1 /7	hetwork and "data labelling"	USPAT;	2004/07/21
	188	1	US-PGPUB;	10:34
			EPO; JPO;	
1			IBM_TDB	
-	1945	encrypt\$3 with user\$4 with password	USPĀT;	2004/07/21
	1		US-PGPUB;	12:44
			EPO; JPO;	·
	=	/	IBM_TDB	2004/07/21
-	447		USPAT;	2004/07/21
		same (transmi\$5)	US-PGPUB; EPO; JPO;	12:45
			IBM TDB	
L		L	TDM TDD	<u> </u>

-	192	((encrypt\$3 with user\$4 with password)	USPAT;	2004/07/21
İ		same (transmi\$5)) and @ad<20000107	US-PGPUB;	12:45
			EPO; JPO;	
			IBM TDB	
_	73	@ad<20000107 and (encrypt\$3 with user\$4	USPAT;	2004/07/21
		with password) same (transmi\$5) same	US-PGPUB;	12:45
		decrypt\$3	EPO; JPO;	
	//	h	IBM TDB	
l <b>-</b>	115	@ad<20000107 and (encrypt\$3 with user\$4	USPAT;	2004/07/21
		with password) same (transmi\$5) same	US-PGPUB;	12:45
		decrypt\$3) and "authentication server"	EPO; JPO;	
ABS		addiffered and addiction borver	IBM TDB	
_ '+	. ) / a	packet adj labelling	USPAT;	2004/07/21
lang 1	Y / 1	Vegover and taperting	US-PGPUB;	13:50
\( \( \psi \)			EPO; JPO;	13.00
			IBM TDB	
	151	   (packet data) adj labeling	USPAT;	2004/07/21
-	131	(packet data) adj labelling	US-PGPUB;	13:50
			EPO; JPO;	13.30
·			IBM TDB	1
	75	//	USPAT;	2004/07/21
-	/5	((packet data) adj labeling) and @ad<20000107		13:52
		@ad<20000107	US-PGPUB;	13:52
			EPO; JPO;	
	_	485 546 0058 500	IBM_TDB	0004/07/01
-	1	("5,546,387").PN.	USPAT;	2004/07/21
			US-PGPUB;	14:15
			EPO; JPO;	
		N	IBM_TDB	
-	/ /10	(((((cisco.as. and aaa) and	USPAT;	2004/07/21
	$ \mathcal{A} $	@ad<20000107) and radius) and ("access	US-PGPUB;	15:06
00		network")) and "user network") and	EPO; JPO;	
\ \begin{align*} \text{ABS}	(	authenticat\$3) and authoriz\$8) and	IBM_TDB	
'ヤ	_	(determin\$5 with (authenticat\$3		
ABS	$\nu$	authoriz\$8 verif\$9))		
-  w	( / 1 )	(((((((cisco.as. and aaa) and	USPAT;	2004/07/21
	/ しっ	@ad<20000107) and radius) and ("access	US-PGPUB;	15:50
		network")) and "user network") and	EPO; JPO;	•
		authenticat\$3) and authoriz\$8) and	IBM_TDB	
		(determin\$5 with (authenticat\$3		
		authoriz\$8 verif\$9))) and statistic\$3		